1.   (Amended) An integrated database system, comprising:

a plurality of database systems connected to one another by a network,

each of said plurality of database systems managing its own stored data independently of

the other database systems and accessing the stored data in accordance with an access

request; and

an integrated database unit connected to the network, wherein:

said integrated database unit includes:

a directory database which stores, as to each [of the data] object stored in said

plurality of database systems, [a] corresponding[ence] [with] information including

directory information and a database system in which the [data] object concerned is

stored;

a directory control unit which acquires, by using said directory database, directory

information corresponding to a target [data] object of [the] an accepted access request;

a database identifying unit which identifies, by using said directory database, the

database system corresponding to said target [data] object of the accepted access request;

and

a database control unit which issues, on the basis of the acquired directory

information, an access request to the database system having the target [data] object of

the accepted access request, wherein:

the database system includes a database server unit which accesses a database in

accordance with the access request issued by said integrated database unit.

2.   (Amended) An integrated database system according to claim 1, wherein:

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said directory database stores correspond<u>ing</u> [ences] <u>information</u> between each of the

[data] <u>objects</u> stored in <u>any one of</u> said plurality of database systems and [the] <u>a</u> database

system in which each of the [data] <u>objects are</u> [is] stored, a local data name of each of the

[data] <u>objects</u>, and a global [data] <u>object</u> name which is [an] <u>a</u> unique identifier in all of

said plurality of database systems;

said directory control unit receives an access request which specifies a global

[data] <u>object</u> name of <u>a</u> target [data] <u>object</u> of the access request, and identifies a database

system and a local [data] <u>object</u> name corresponding to the received global [data] <u>object</u>

name; and

said database control unit issues the identified database system with an access

request which specifies the identified local [data] <u>object</u> name, and accesses the target

[data] <u>object</u> of the access request.

3.   (Amended) An integrated database system according to claim 2, wherein:

[said] <u>a</u> database server unit [of] <u>in</u> each of said plurality of database systems manages

[the] <u>an</u> [data] <u>object</u> by using local [data] <u>object</u> names which are unique identifiers in

the database system in which said database server unit is included, and receives from said

integrated database unit a request to access the [data] <u>object</u> managed by the database

server unit, in accordance with a specified local [data] <u>object</u> name.

5.   (Amended) An integrated database unit which integrates a plurality of

database systems connected to one another by a network, each of said plurality of

database systems managing its own stored data independently of the other database

systems and accessing the stored data in accordance with an access request, said

integrated database unit being connected to the network, comprising:

a directory database which stores, as to each of the [data] objects stored in

said plurality of database systems, [a] corresponding [ence] information including [with]

directory information of the [data] object and a database system in which the [data] object

concerned is stored;

a directory control unit which acquires, by using said directory database, directory

information corresponding to a target [data] object of the accepted access request;

a database identifying unit which identifies, by using said directory database, the

database system corresponding to said target [data] object of the accepted access request;

and

a database control unit which issues, on the basis of the acquired directory

information, an access request to the database system having the target [data] object of

the accepted access request.

6.   (Amended) An integrated database unit according to claim 5, wherein:

said directory database stores correspondences between each of the [data] objects

stored in the plural database systems and the database system in which each of the [data]

objects is stored, a local [data] object name of each of the [data] objects, and a global

[data] object name which is an unique identifier in all of said plurality of database

systems;

said directory control unit receives an access request which specifies a global

[data] object name of target [data] object of the access request, and identifies a database

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system and a local [data] <u>object</u> name corresponding to the received global [data] <u>object</u> name; and

said database control unit issues the identified database system with an access request which specifies the identified local [data] <u>object</u> name, and accesses the target [data] <u>object</u> of the access request.

7.   (Amended) A database access method for an integrated database system which includes a plurality of database systems connected to one another by a network, each of said plurality of database systems managing its own stored data independently of the other database systems and accessing the stored data in accordance with an access request, said database access method which accesses the data stored in said plurality of database systems, comprising the steps of:

<u>storing in a directory database of</u> [in] an integrated database unit which is connected to the network [and includes a directory database which stores], <u>information</u> as to each of the [data] <u>objects</u> stored in said plurality of database systems, [a] correspond<u>ing</u> [ence] <u>information including</u> [with] directory information of the [data] <u>object</u> and a database system in which the [data] <u>object</u> concerned is stored,

acquiring, by using the directory database, directory information corresponding to <u>a</u> target [data] <u>object</u> of an accepted access request;

identifying, by using the directory database, the database system corresponding to <u>said</u> target [data] <u>object</u> of an accepted access request;

issuing, on the basis of the acquired directory information, an access request to the database system having the target [data] <u>object</u> of the accepted access request; and

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accessing a database in the database system in accordance with the access request issued by said integrated database unit.

8.   (Amended) A database access method according to claim 7, further comprising the steps of:

storing in said directory database of [in] said integrated database unit [in which said directory database stores] correspondences between each of the [data] objects stored in the plural database systems and the database system in which each of the [data] objects is stored, a local [data] object name of each of the [data] objects, and a global [data] object name which is an unique identifier in all of said plurality of database systems,

receiving an access request which specifies a global [data] object name of a target [data] objects of the access request;

identifying a database system and a local [data] object name corresponding to the received global [data] object name; and

issuing the identified database system with an access request which specifies the identified local [data] object name, and accessing [the] said target [data] object of the access request.

9.   (Amended) A database access method according to claim 8, wherein each of the database systems receives from said integrated database unit a request to access [data] objects managed by a database server unit, in accordance with a specified one of local [data] object names which are managed by and are unique identifiers in the database system in which said database server unit is included.

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10.   (Amended) A program product which causes a computer to execute access to data stored in a plurality of database systems, the computer [constituting] comprising:

[the] a plurality of database systems connected to one another through a network, each of the plurality of database systems managing its own stored data independently of the other database systems and accessing the stored data in accordance with an access request; and

an integrated database unit connected to the network, wherein:

said program product further comprising:

a code which causes an integrated database unit connected to the network and including a directory database to acquire, by using said directory database, directory information corresponding to target [data] objects of an accepted access request, said directory database storing, as to each of the [data] objects stored in said plurality of database systems, [a] corresponding [ence] information including [with] the directory information of the [data] object and a database system in which the [data] object concerned is stored;

a code which causes said integrated database unit to identify, by using said directory database, a database system corresponding to a target [data] object of an accepted access request;

a code which causes said integrated database unit to issue, on the basis of the acquired directory information, an access request to said database system having [the] said target [data] object of the accepted access request; and

a code which causes said database system to access a database in accordance with the access request issued by said integrated database unit.

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11. (Amended) A program product according to claim 10, further comprising:

a code which causes said integrated database unit to store, in said directory database, correspondences between each of the [data] objects stored in said plurality of database systems and the database system in which each of the [data] objects is stored, a local [data] object name of each of the [data]objects, and a global [data] object name which is an unique identifier in all of said plurality of database systems,

a code which causes said integrated database unit to receive an access request which specifies a global [data] object name of a target [data] object of the access request;

a code which causes said integrated database unit to identify a database system and a local [data] object name corresponding to the received global [data] object name; and

a code which causes said integrated database unit to issue the identified database system with an access request which specifies the identified local [data] object name, and accessing [the] said target [data] object of the access request.

12. (Amended) A program product according to claim 11, further comprising:

a code which causes each of said plurality of database systems to receive from said integrated database unit a request to access [data] objects managed by a database server unit, in accordance with a specified one of local [data] object names which are managed by and are unique identifiers in the database system in which the database server unit is included.

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15.   (Amended) A storage medium which stores a program which causes a computer to execute access to data stored in a plurality of database systems, said computer constituting: said plurality of database systems connected to one another through a network, each of said plurality of database systems managing its own stored data independently of the other database systems and accessing the stored data in accordance with an access request; and an integrated database unit connected to the network, wherein:

said program further comprising:

a code which causes an integrated database unit connected to the network and including a directory database to acquire, by using the directory database, directory information corresponding to a target [data] object of an accepted access request, said directory database storing, as to each of the [data] objects stored in said plurality of database systems, a correspondence with the directory information of the [data] object and a database system in which the [data] object concerned is stored;

a code which causes said integrated database unit to identify, by using said directory database, a database system corresponding to a target [data] object of an accepted access request;

a code which causes said integrated database unit to issue, on the basis of the acquired directory information, an access request to the database system having [the] said target [data] object of the accepted access request; and

a code which causes the database system to access a database in accordance with the access request issued by said integrated database unit.